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Xi urges writers and artists to firm

By CAO DESHENG
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President Xi Jinping on Tuesday urged Chinese writers and artists to strengthen their cultural confidence, present the world with fine works and make contributions to building China into a socialist cultural power.

Xi, who is also general secretary of the Communist Party of China Central Committee and chairman of the Central Military Commission, made the remark when addressing a

national conference of the China Federation of Literary and Art Circles and the China Writers Association.

While asking them to shoulder their responsibilities in promoting the prosperity and development of socialist culture, Xi said that cultural workers across the country enjoy promising prospects for their work in the new era.

He stressed the need to ensure that Chinese culture serves the people and also serves socialism, follows the principle of "letting a hundred

flowers bloom and a hundred schools of thought contend", and encourages creative transformation and development.

Efforts should be made to uphold socialism, rally public support for the cause of the Party and State, foster a new generation with sound values of ethics, develop Chinese culture and build a positive image of China in order to boost momentum for national rejuvenation, Xi said.

Noting that the Chinese people always have a global vision, Xi said contemporary Chinese literature and art should embrace the world and humanity.

Cultural workers need to have firm confidence and ambitions to

create fine works that help present Chinese values and philosophies to the rest of the world and reflect the common values of humanity, he added.

Xi urged artists and writers around the country to tell China's stories to the world in a proper manner, create more Chinese cultural images that can become popular in the world and strive to present the world with a multidimensional and panoramic view of China in order to write a new chapter for advancing the building of a community with a shared future for mankind.

He also called for developing exchanges between Chinese and foreign writers and artists.

Xi underlined the importance of raising ethical standards among cultural workers, urging them to improve their conduct, value their social influence and seriously consider the impact of their work on society.

A writer or an artist with bad conduct or misdemeanors will not be accepted by the people, he said, calling for a sound and clean environment in the whole sector.

While stressing the importance of the Party's leadership in the flourishing and development of socialist literature and art, Xi urged the China Federation of Literary and Art Circles and the China Writers Association to leverage their organizational

Condolences sent over US tornadoes

By MO JINGXI
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President Xi Jinping sent a message of condolences to United States President Joe Biden on Tuesday over the recent tornadoes that hit several states in the country.

On behalf of the Chinese government and people, Xi expressed his sincere sympathies to the people in the US who suffered from the tornadoes.

According to media reports, at least six states — Arkansas, Illinois, Kentucky, Missouri, Mississippi and Tennessee — were hit by a string of deadly storms and tornadoes on Friday night, which caused more than 100 deaths and huge economic losses.

Nation's major achievements listed in global top 10

By ZHANG ZHIHAO
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China has four major feats listed among this year's Global Top Ten Engineering Achievements, according to the journal Engineering, one of China's most prestigious scientific publications.

Experts said China will continue to be an active contributor to global engineering frontiers and make more breakthroughs in solving major engineering obstacles that are key for the sustainability and well-being of mankind.

The four projects spearheaded by Chinese engineers are the Five-hundred-meter Aperture Spherical Telescope, hybrid rice, the Three Gorges Hydroelectric Power Station and the ultra-high voltage transmission project.

The telescope, located in southwestern China, became operational last year and is currently the world's largest and most sensitive single dish radio telescope. The entire Three Gorges project was completed last year after more than two decades of construction. It is the world's largest multipurpose hydraulic complex.

The third generation of hybrid rice created by Chinese scientists set a new annual yield record of 22.9 metric tons per hectare last year. In 2019, China launched the world's first 1,100-kilovolt ultra-high voltage direct current transmission network, making efficient, large-scale allocation of electricity across China possible.

The other achievements included AlphaGo and AlphaFold, which are artificial intelligence programs designed for specific tasks such as playing chess and predicting protein structure, and the development and use of the CRISPR/Cas9 gene editing technique.

Extreme ultraviolet lithography systems for high-end chipmaking, 5G mobile communication technology, NASA's InSight Mars Lander, public health epidemic prevention and the battle against COVID-19 also made the list.

The achievements on the list are major engineering projects or breakthroughs with global influence that have been completed in the past five

years, the journal said. They represent the highest level of engineering science and technology in their respective fields.

The journal Engineering is a publication of the Chinese Academy of Engineering. The list's creation involved nominations and recommendations by engineers and technicians around the globe, numerous public surveys and final screening by the selection committee.

On Tuesday, the academy's Center for Strategic Studies and global analytical firm Clarivate published their Engineering Fronts 2021 report. The document, published annually since 2017, selected a total of 186 research and development frontier topics for nine broad engineering categories, ranging from agriculture to engineering management.

Zhong Zhihua, vice-president of the CAE, said engineering and technology is a major support for socioeconomic growth and mankind's pursuit of sustainable development.

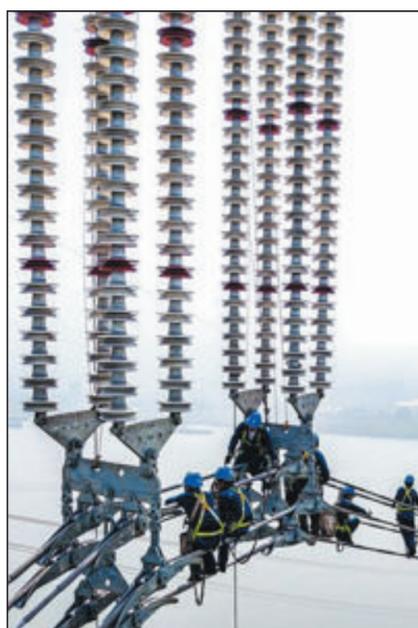
"As our country enters a new developmental phase, we urgently need to accelerate our pace of innovation in engineering and technology and improve our innovation's quality," he said, adding this will need require scientific insight on new emerging engineering frontiers to guide future development.

Jeremy Lawson, senior vice-president of Clarivate, said all these fronts are essential to global social and economic development, and China is also at the forefront of many of these subjects.

Strategic collaboration with key global research organizations such as the CAE is central to advancing global scientific research and drive sustainable development, he added.

Yang Baofeng, an academician at the CAE, said the report tracks frontier engineering research that may yield new breakthroughs and innovations, and allow scientists, industries and policymakers to identify the latest engineering trends and adjust research and policy priorities accordingly.

Yang said this year's engineering frontiers had three main focuses: interdisciplinary research, the use of artificial intelligence in various engineering and industrial fields, and tackling major common issues such as the COVID-19 pandemic and climate change.



Clockwise from top: China's Five-hundred-meter Aperture Spherical Telescope (FAST) in Guizhou province, seen in this aerial photo in March 2019, began officially operating at the start of last year. YANG XIAOBO / FOR CHINA DAILY Floodwater is discharged from the Three Gorges Dam in Yichang, Hubei province, last year. PROVIDED TO CHINA DAILY Farmers harvest hybrid rice at a plant in Changhong, a village in Chongqing's Dazu district on Sep 24. HE PENGLEI / CHINA NEWS SERVICE Workers clean high-voltage power lines in Tongling, Anhui province, in 2018. WANG WEN / FOR CHINA DAILY

Ten media buzzwords for 2021 released

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The 10 most popular Chinese media buzzwords this year were released on Monday, with *jian dang bai nian*, meaning the 100th anniversary of the founding of the Communist Party of China, topping the list. Other words and phrases related to COVID-19 and environmental protection also made the list.

More than 1 billion characters from the publications, transcripts and texts of 15 newspapers, 12 TV stations, seven radio stations and two websites were assessed by dozens of researchers from the National Language Resources Monitoring and Research for Print Media Language Center at the Beijing Language and Culture University.

The researchers used computers to process the information and then draw up the list.

Yang Erhong, director of the center, who has led the annual project since it began in 2003, said that the 10 phrases indicated the focus of the mainstream media this year.

The other top buzzwords relate to China aerospace careers, the 2020 Tokyo Olympics, carbon targets, the Beijing Stock Exchange, China's vaccine donations to developing countries, vaccinations in China, the Convention on Biological Diversity, the crackdown on bad online behaviors and policies to ease the burden of excessive homework and off-campus tutoring on students.

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Ancient tomb confirmed as that of famed Han emperor

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After years of study, a more than 2,000-year-old grand tomb in Xi'an, the capital of Shaanxi province, was confirmed to be the mausoleum of a famous emperor of the Western Han Dynasty (206 BC-AD 24), the National Cultural Heritage Administration announced on Tuesday at a news conference in Beijing.

Liu Heng (203 to 157 BC), or Emperor Wen of Han, was the third

emperor of the Western Han Dynasty. He was famed for diligence and thriftiness.

The reigns of Emperor Wen and his son Emperor Jing were hailed by historians as the Rule of Wen and Jing, the first period of general stability and prosperity during China's imperial years.

Ancient documents roughly indicated the location of Emperor Wen's mausoleum, known in history as Baling, but its specific whereabouts had remained obscure.



Seals unearthed last year in the Jiangcun Grand Tomb, also known as Baling, in Xi'an, Shaanxi province. PROVIDED BY SHAAOXI ACADEMY OF ARCHAEOLOGY

Also called the Jiangcun Grand Tomb, the newly confirmed mausoleum site was found in 2006. In 2016, some areas surrounding the site were raided by tomb robbers, and a rescue excavation was later launched by archaeologists.

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VISUAL EFFECTS TEAMS FLOCKING TO FRESH LOCATION

Greater Bay Area offers new opportunities, competitive advantages

By LI BINGCUN
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Increasing numbers of visual effects artists are heading to the Guangdong-Hong Kong-Macao Greater Bay Area, eyeing the region's competitiveness in filmmaking technologies and facilities, policy support and market scale.

Hailing from Beijing, Shanghai and foreign countries, the artists are using southern China as a springboard to search for work in the nation's vast film industry.

The Greater Bay Area is also home to leading film and entertainment companies expanding their operations, veteran actors pursuing career development as well as multiple shooting locations and facilities. The area also enjoys abundant policy support for the film and television industry.

Guangdong province, which boasts about 600 movie and TV companies and the most cinema screens

in the nation, has been China's largest film market in terms of box office takings since 2001.

With new developments in investment, film shooting, production and promotion work, it is hoped that a full industry chain can be established in the region.

Industry figures also expect the region to become China's answer to the Canadian city of Vancouver — the "production backyard" for Hollywood — and a movie production hub to rival Beijing and the Yangtze River Delta.

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